

ApplicantKyoceraFCC ID:V65C5133Report #:CT-C5133-9D-0812-R0

EXHIBIT 9 APPENDIX D: SAR DIPOLE CALIBRATION CERTIFICATE

Total pages including cover page = 18

5d016 # 776 Calibration Laboratory of Schmid & Partner **Engineering AG** Zeughausstrasse 43, 8004 Zurich, Switzerland





Schweizerischer Kalibrierdienst Service suisse d'étalonnage Servizio svizzero di taratura Swiss Calibration Service

Accreditation No.: SCS 108

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Accredited by the Swiss Accreditation Service (SAS) The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Kyocera USA Client

Certificate No: D2450V2-776_Jul12

| Calibration procedure for dipole validation kits above 700 MHz Calibration date: July 09, 2012 This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate. All calibration shave been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%. Calibration Equipment used (M&TE critical for calibration) Primary Standards ID # Cal Date (Certificate No.) Scheduled Calibration Power sensor HP 8481A GB37480704 05-Oct-11 (No. 217-01451) Oct-12 Power sensor HP 8481A SN: 5058 (20k) 27-Mar-12 (No. 217-01451) Oct-12 SN: 3025 30-Dect-11 (No. 217-01530) Apr-13 SN: 3025 30-Dect-11 (No. 217-01530) Apr-13 SN: 3025 30-Dect-11 (No. E33-3205_Dec11) Dect-12 DAE4 SN: 301 05-Jun-12 (No. DAE4+901_Jun12) Jun-13 Secondary Standards ID # Check Date (in house) Scheduled Check Power sensor HP 8481A MY41092317 18-Oct-02 (in house check Oct-11) In house check: Oct-13 Natwork Analyzer HP 8753E ID # Check Da | Object | D2450V2 - SN: 7 | 76 | |
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| This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate. All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)*C and humidity < 70%. | Calibration procedure(s) | | dure for dipole validation kits abo | ove 700 MHz |
| The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate. All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%. | Calibration date: | July 09, 2012 | | |
| Power meter EPM-442AGB3748070405-Oct-11 (No. 217-01451)Oct-12Power sensor HP 8481AUS3729278305-Oct-11 (No. 217-01451)Oct-12Reference 20 dB AttenuatorSN: 5058 (20k)27-Mar-12 (No. 217-01530)Apr-13Type-N mismatch combinationSN: 5047.2 / 0632727-Mar-12 (No. 217-01533)Apr-13Reference Probe ES3DV3SN: 320530-Dec-11 (No. ES3-3205_Dec11)Dec-12DAE4SN: 90105-Jun-12 (No. DAE4-901_Jun12)Jun-13Secondary StandardsID #Check Date (in house)Scheduled CheckPower sensor HP 8481AMY4109231718-Oct-02 (in house check Oct-11)In house check: Oct-13RF generator R&S SMT-0610000504-Aug-99 (in house check Oct-11)In house check: Oct-12Network Analyzer HP 8753EUS37390585 S420618-Oct-01 (in house check Oct-11)In house check: Oct-12NameFunctionSignatureCallbrated by:Israe El-NaourLaboratory Technician | The measurements and the unce All calibrations have been conduc | rtainties with confidence protection of the closed laborator | robability are given on the following pages ar | nd are part of the certificate. |
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| /pe-N mismatch combination aference Probe ES3DV3SN: 5047.2 / 06327 SN: 3205 SN: 3205 | eference 20 dB Attenuator | SN: 5058 (20k) | 27-Mar-12 (No. 217-01530) | Apr-13 |
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| Calibrated by: Israe El-Naoug Laboratory Technician | letwork Analyzer HP 8753E | US37390585 S4206 | 18-Oct-01 (in house check Oct-11) | |
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| pproved by: Katja Pokovic Technical Manager | | | | Signature |
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| | e a conversión de conversa a | Katja Pokovic | Technical Manager | Tole the |

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S Swiss Calibration Service

Accreditation No.: SCS 108

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Glossary:

| TSL | tissue simulating liquid |
|-------|---------------------------------|
| ConvF | sensitivity in TSL / NORM x,y,z |
| N/A | not applicable or not measured |

Calibration is Performed According to the Following Standards:

- a) IEEE Std 1528-2003, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", December 2003
- b) IEC 62209-1, "Procedure to measure the Specific Absorption Rate (SAR) for hand-held devices used in close proximity to the ear (frequency range of 300 MHz to 3 GHz)", February 2005
- c) Federal Communications Commission Office of Engineering & Technology (FCC OET), "Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields; Additional Information for Evaluating Compliance of Mobile and Portable Devices with FCC Limits for Human Exposure to Radiofrequency Emissions", Supplement C (Edition 01-01) to Bulletin 65

Additional Documentation:

d) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

- Measurement Conditions: Further details are available from the Validation Report at the end
 of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- Antenna Parameters with TSL: The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- Feed Point Impedance and Return Loss: These parameters are measured with the dipole
 positioned under the liquid filled phantom. The impedance stated is transformed from the
 measurement at the SMA connector to the feed point. The Return Loss ensures low
 reflected power. No uncertainty required.
- *Electrical Delay:* One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- SAR measured: SAR measured at the stated antenna input power.
- SAR normalized: SAR as measured, normalized to an input power of 1 W at the antenna connector.
- SAR for nominal TSL parameters: The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

Measurement Conditions

DASY system configuration, as far as not given on page 1.

| DASY Version | DASY5 | V52.8.1 |
|------------------------------|------------------------|-------------|
| Extrapolation | Advanced Extrapolation | |
| Phantom | Modular Flat Phantom | |
| Distance Dipole Center - TSL | 10 mm | with Spacer |
| Zoom Scan Resolution | dx, dy, dz = 5 mm | |
| Frequency | 2450 MHz ± 1 MHz | |

Head TSL parameters

The following parameters and calculations were applied.

| | Temperature | Permittivity | Conductivity |
|-----------------------------------------|-----------------|--------------|------------------|
| Nominal Head TSL parameters | 22.0 °C | 39.2 | 1.80 mho/m |
| Measured Head TSL parameters | (22.0 ± 0.2) °C | 38.9 ± 6 % | 1.85 mho/m ± 6 % |
| Head TSL temperature change during test | < 0.5 °C | | |

SAR result with Head TSL

| SAR averaged over 1 cm ³ (1 g) of Head TSL | Condition | |
|-------------------------------------------------------|--------------------|---------------------------|
| SAR measured | 250 mW input power | 13.4 mW / g |
| SAR for nominal Head TSL parameters | normalized to 1W | 52.8 mW /g ± 17.0 % (k=2) |

| SAR averaged over 10 cm ³ (10 g) of Head TSL | condition | |
|---------------------------------------------------------|--------------------|---------------------------|
| SAR measured | 250 mW input power | 6.21 mW / g |
| SAR for nominal Head TSL parameters | normalized to 1W | 24.6 mW /g ± 16.5 % (k=2) |

Body TSL parameters

The following parameters and calculations were applied.

| | Temperature | Permittivity | Conductivity |
|-----------------------------------------|-----------------|--------------|------------------|
| Nominal Body TSL parameters | 22.0 °C | 52.7 | 1.95 mho/m |
| Measured Body TSL parameters | (22.0 ± 0.2) °C | 51.4 ± 6 % | 2.01 mho/m ± 6 % |
| Body TSL temperature change during test | < 0.5 °C | | |

SAR result with Body TSL

| SAR averaged over 1 cm ³ (1 g) of Body TSL | Condition | |
|-------------------------------------------------------------------------|---------------------------------|----------------------------|
| SAR measured | 250 mW input power | 13.1 mW / g |
| SAR for nominal Body TSL parameters | normalized to 1W | 51.4 mW / g ± 17.0 % (k=2) |
| | | |
| SAR averaged over 10 cm ³ (10 g) of Body TSL | condition | |
| SAR averaged over 10 cm ³ (10 g) of Body TSL SAR measured | condition 250 mW input power | 6.14 mW / g |

Appendix

Antenna Parameters with Head TSL

| Impedance, transformed to feed point | 56.0 Ω + 7.8 jΩ | |
|--------------------------------------|-----------------|--|
| Return Loss | - 20.7 dB | |

Antenna Parameters with Body TSL

| Impedance, transformed to feed point | 52.0 Ω + 9.7 jΩ | |
|--------------------------------------|-----------------|--|
| Return Loss | - 20.3 dB | |

General Antenna Parameters and Design

| Electrical Delay (one direction) | 1.158 ns |
|----------------------------------|----------|
|----------------------------------|----------|

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.

No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

| Manufactured by | SPEAG | |
|-----------------|----------------|--|
| Manufactured on | April 04, 2005 | |

DASY5 Validation Report for Head TSL

Date: 09.07.2012

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN: 776

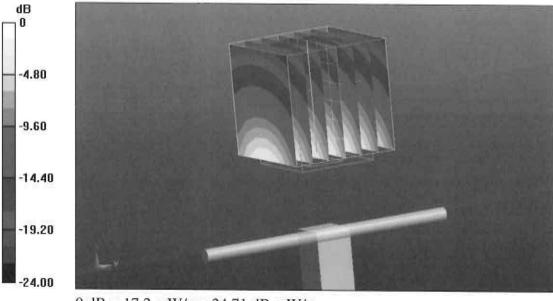
Communication System: CW; Frequency: 2450 MHz Medium parameters used: f = 2450 MHz; $\sigma = 1.85$ mho/m; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³ Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY52 Configuration:

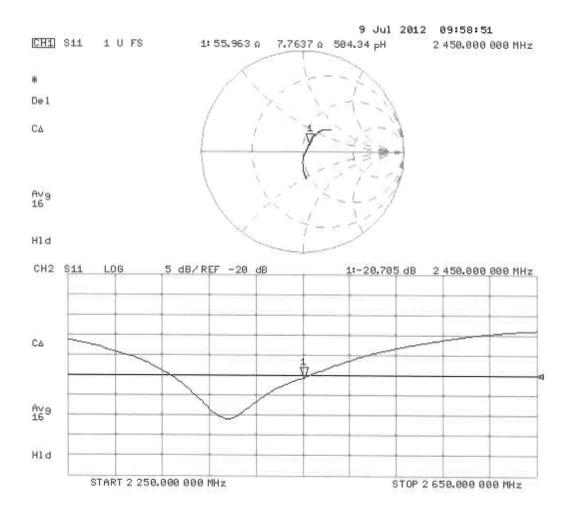
- Probe: ES3DV3 SN3205; ConvF(4.45, 4.45, 4.45); Calibrated: 30.12.2011;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn901; Calibrated: 05.06.2012
- Phantom: Flat Phantom 5.0 (front); Type: QD000P50AA; Serial: 1001
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Dipole Calibration for Head Tissue/Pin=250 mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mmReference Value = 99.995 V/m; Power Drift = 0.05 dB Peak SAR (extrapolated) = 27.568 mW/g SAR(1 g) = 13.4 mW/g; SAR(10 g) = 6.21 mW/g Maximum value of SAR (measured) = 17.2 mW/g



0 dB = 17.2 mW/g = 24.71 dB mW/g



DASY5 Validation Report for Body TSL

Date: 09.07.2012

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN: 776

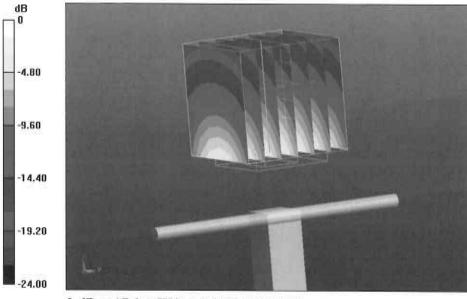
Communication System: CW; Frequency: 2450 MHz Medium parameters used: f = 2450 MHz; $\sigma = 2.01$ mho/m; $\epsilon_r = 51.4$; $\rho = 1000$ kg/m³ Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY52 Configuration:

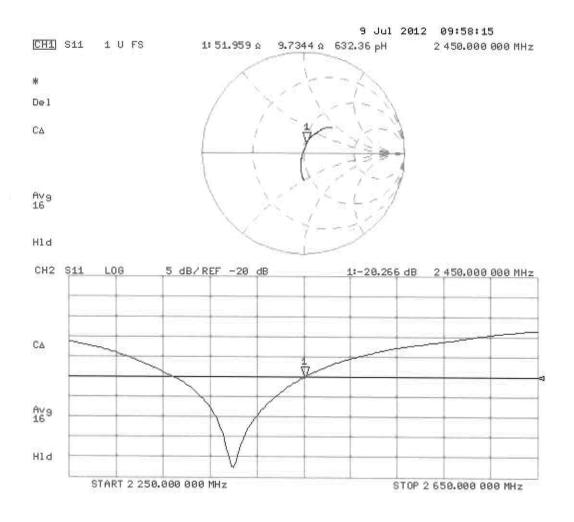
- Probe: ES3DV3 SN3205; ConvF(4.26, 4.26, 4.26); Calibrated: 30.12.2011;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn901; Calibrated: 05.06.2012
- Phantom: Flat Phantom 5.0 (back); Type: QD000P50AA; Serial: 1002
- DASY52 52.8.1(838); SEMCAD X 14.6.5(6469)

Dipole Calibration for Body Tissue/Pin=250 mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mmReference Value = 96.076 V/m; Power Drift = 0.01 dB Peak SAR (extrapolated) = 27.051 mW/g SAR(1 g) = 13.1 mW/g; SAR(10 g) = 6.14 mW/g Maximum value of SAR (measured) = 17.3 mW/g



0 dB = 17.3 mW/g = 24.76 dB mW/g



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Client Kyocera USA

Certificate No: D1900V2-5d016_Sep10

| ALIBRATION C | ERTIFICATE | | |
|---------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| Dbject | D1900V2 - SN: 5 | d016 | |
| Calibration procedure(s) | QA CAL-05.v7 Calibration proce | dure for dipole validation kits | |
| Calibration date: | September 07, 20 | 010 | |
| The measurements and the unce | rtainties with confidence p | onal standards, which realize the physical ur robability are given on the following pages ar y facility: environment temperature (22 ± 3)° | nd are part of the certificate. |
| Primary Standards | ID # | Cal Date (Certificate No.) | Scheduled Calibration |
| Power meter EPM-442A | GB37480704 | 06-Oct-09 (No. 217-01086) | Oct-10 |
| Power sensor HP 8481A | US37292783 | 06-Oct-09 (No. 217-01086) | Oct-10 |
| Reference 20 dB Attenuator | SN; 5086 (20g) | 30-Mar-10 (No. 217-01158) | Mar-11 |
| ype-N mismatch combination | SN: 5047.2 / 06327 | 30-Mar-10 (No. 217-01162) | Mar-11 |
| Reference Probe ES3DV3 | SN: 3205 | 30-Apr-10 (No. ES3-3205_Apr10) | Apr-11 |
| DAE4 | SN: 601 | 10-Jun-10 (No. DAE4-601_Jun10) | Jun-11 |
| Secondary Standards | | Check Date (in house) | Scheduled Check |
| Power sensor HP 8481A | MY41092317 | 18-Oct-02 (in house check Oct-09) | In house check: Oct-11 |
| RF generator R&S SMT-06 | 100005 | 4-Aug-99 (in house check Oct-09) | In house check: Oct-11 |
| Network Analyzer HP 8753E | US37390585 S4206 | 18-Oct-01 (in house check Oct-09) | In house check: Oct-10 |
| | K1_ 322.121 | | |
| Calibrated by: | Name | Function | Signature |
| oanorated by: | Jeton Kastrati | Laboratory Technician | of the |
| Approved by: | Katja Pokovic | Technical Manager | Alles. |
| | | | Issued: September 7, 2010 |
| This calibration certificate shall no | ot be reproduced except in | full without written approval of the laboratory | |

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Schmid & Partner Engineering AG Zeughausstrasse 43, 8004 Zurich, Switzerland





Schweizerischer Kalibrierdienst

S Service suisse d'étalonnage

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S Swiss Calibration Service

Accreditation No.: SCS 108

Accredited by the Swiss Accreditation Service (SAS) The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Glossary:

| TSL | tissue simulating liquid |
|-------|---------------------------------|
| ConvF | sensitivity in TSL / NORM x,y,z |
| N/A | not applicable or not measured |

Calibration is Performed According to the Following Standards:

- a) IEEE Std 1528-2003, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", December 2003
- b) IEC 62209-1, "Procedure to measure the Specific Absorption Rate (SAR) for hand-held devices used in close proximity to the ear (frequency range of 300 MHz to 3 GHz)", February 2005
- c) Federal Communications Commission Office of Engineering & Technology (FCC OET), "Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields; Additional Information for Evaluating Compliance of Mobile and Portable Devices with FCC Limits for Human Exposure to Radiofrequency Emissions", Supplement C (Edition 01-01) to Bulletin 65

Additional Documentation:

d) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

- Measurement Conditions: Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- Antenna Parameters with TSL: The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- Feed Point Impedance and Return Loss: These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- Electrical Delay: One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- SAR measured: SAR measured at the stated antenna input power. .
- SAR normalized: SAR as measured, normalized to an input power of 1 W at the antenna . connector.
- SAR for nominal TSL parameters: The measured TSL parameters are used to calculate the nominal SAR result.

Measurement Conditions

DASY system configuration, as far as not given on page 1.

| DASY Version | DASY5 | V52.2 |
|------------------------------|---------------------------|-------------|
| Extrapolation | Advanced Extrapolation | |
| Phantom | Modular Flat Phantom V5.0 | |
| Distance Dipole Center - TSL | 10 mm | with Spacer |
| Zoom Scan Resolution | dx, dy, dz = 5 mm | |
| Frequency | 1900 MHz ± 1 MHz | |

Head TSL parameters The following parameters and calculations were applied.

| | Temperature | Permittivity | Conductivity |
|----------------------------------|-----------------|--------------|------------------|
| Nominal Head TSL parameters | 22.0 °C | 40.0 | 1.40 mho/m |
| Measured Head TSL parameters | (22.0 ± 0.2) °C | 39.6 ± 6 % | 1.41 mho/m ± 6 % |
| Head TSL temperature during test | (22.4 ± 0.2) °C | | |

SAR result with Head TSL

| SAR averaged over 1 cm ³ (1 g) of Head TSL | Condition | |
|-------------------------------------------------------|--------------------|---------------------------|
| SAR measured | 250 mW input power | 9.98 mW / g |
| SAR normalized | normalized to 1W | 39.9 mW / g |
| SAR for nominal Head TSL parameters | normalized to 1W | 39.6 mW /g ± 17.0 % (k=2) |

| SAR averaged over 10 cm ³ (10 g) of Head TSL | condition | |
|---------------------------------------------------------|--------------------|---------------------------|
| SAR measured | 250 mW input power | 5.19 mW / g |
| SAR normalized | normalized to 1W | 20.8 mW / g |
| SAR for nominal Head TSL parameters | normalized to 1W | 20.7 mW /g ± 16.5 % (k=2) |

Body TSL parameters

The following parameters and calculations were applied.

| | Temperature | Permittivity | Conductivity |
|----------------------------------|-----------------|--------------|------------------|
| Nominal Body TSL parameters | 22.0 °C | 53.3 | 1.52 mho/m |
| Measured Body TSL parameters | (22.0 ± 0.2) °C | 53.1 ± 6 % | 1.54 mho/m ± 6 % |
| Body TSL temperature during test | (21.9 ± 0.2) °C | | (Head |

SAR result with Body TSL

| SAR averaged over 1 cm ³ (1 g) of Body TSL | Condition | |
|-------------------------------------------------------|--------------------|----------------------------|
| SAR measured | 250 mW input power | 10.1 mW / g |
| SAR normalized | normalized to 1W | 40.4 mW / g |
| SAR for nominal Body TSL parameters | normalized to 1W | 40.1 mW / g ± 17.0 % (k=2) |

| SAR averaged over 10 cm ³ (10 g) of Body TSL | condition | |
|---------------------------------------------------------|--------------------|----------------------------|
| SAR measured | 250 mW input power | 5.34 mW / g |
| SAR normalized | normalized to 1W | 21.4 mW / g |
| SAR for nominal Body TSL parameters | normalized to 1W | 21.3 mW / g ± 16.5 % (k=2) |

Appendix

Antenna Parameters with Head TSL

| Impedance, transformed to feed point | 51.2 Ω + 4.4 jΩ |
|--------------------------------------|-----------------|
| Return Loss | - 27.0 dB |

Antenna Parameters with Body TSL

| Impedance, transformed to feed point | 46.7 Ω + 4.6 jΩ |
|--------------------------------------|-----------------|
| Return Loss | - 24.6 dB |

General Antenna Parameters and Design

| Electrical Delay (one direction) | 1.197 ns |
|----------------------------------|----------|
|----------------------------------|----------|

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

| Manufactured by | SPEAG |
|-----------------|---------------|
| Manufactured on | June 04, 2002 |

DASY5 Validation Report for Head TSL

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d016

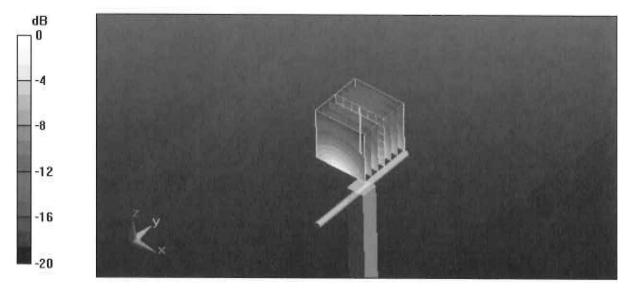
Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1 Medium: HSL U12 BB Medium parameters used: f = 1900 MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³ Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ES3DV3 SN3205; ConvF(5.09, 5.09, 5.09); Calibrated: 30.04.2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 10.06.2010
- Measurement SW: DASY52, V52.2 Build 0, Version 52.2.0 (163)
- Postprocessing SW: SEMCAD X, V14.2 Build 2, Version 14.2.2 (1685)

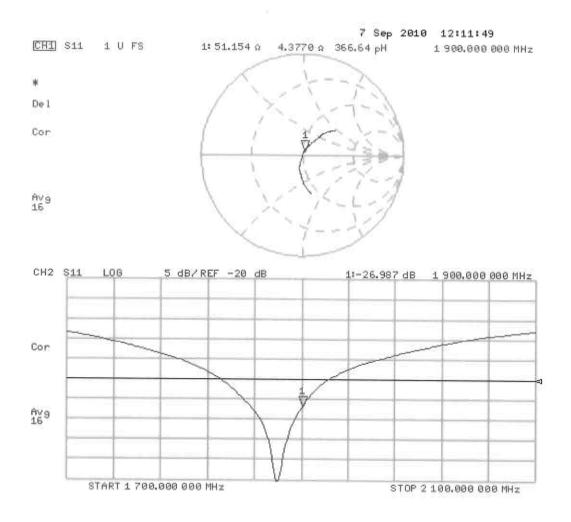
Pin=250 mW /d=10mm, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) /Cube 0: Measurement

grid: dx=5mm, dy=5mm, dz=5mm Reference Value = 96.8 V/m; Power Drift = 0.036 dB Peak SAR (extrapolated) = 18.3 W/kg**SAR(1 g) = 9.98 mW/g; SAR(10 g) = 5.19 mW/g** Maximum value of SAR (measured) = 12.3 mW/g



0 dB = 12.3 mW/g

Impedance Measurement Plot for Head TSL



Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d016

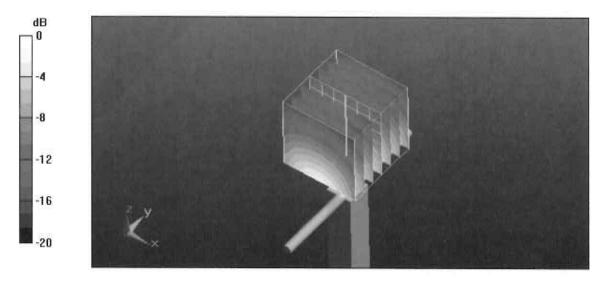
Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1 Medium: MSL U11 BB Medium parameters used: f = 1900 MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³ Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: ES3DV3 SN3205; ConvF(4.59, 4.59, 4.59); Calibrated: 30.04.2010
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 10.06.2010
- Phantom: Flat Phantom 5.0 (back); Type: QD000P50AA; Serial: 1002
- Measurement SW: DASY52, V52.2 Build 0, Version 52.2.0 (163)
- Postprocessing SW: SEMCAD X, V14.2 Build 2, Version 14.2.2 (1685)

Pin=250 mW /d=10mm, dist=3.0mm (ES-Probe)/Zoom Scan (7x7x7) /Cube 0: Measurement

grid: dx=5mm, dy=5mm, dz=5mm Reference Value = 96.3 V/m; Power Drift = -0.013 dB Peak SAR (extrapolated) = 17.2 W/kg SAR(1 g) = 10.1 mW/g; SAR(10 g) = 5.34 mW/gMaximum value of SAR (measured) = 12.7 mW/g



0 dB = 12.7 mW/g

Impedance Measurement Plot for Body TSL

